

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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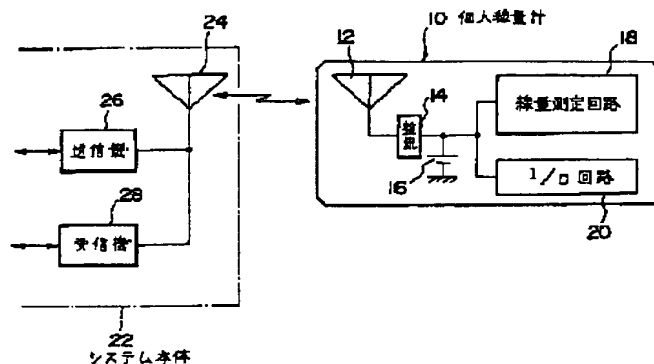
APPLICATION DATE : 11-05-94  
APPLICATION NUMBER : 06097433

APPLICANT : ALOKA CO LTD;

INVENTOR : TATEISHI NAOKI;

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TITLE : PERSONAL DOSE MANAGING  
SYSTEM



ABSTRACT : PURPOSE: To provide a personal dose managing system in which transmission of measurement data from a personal dosimeter and charging operation thereof can be performed easily and positively by transmitting power and dose information by radio and charging a battery by radio.

CONSTITUTION: A flat-type antenna 12 is provided in order to transmit measured dose information and to charge a battery by radio. A rectifier circuit 14 functions to rectify a high frequency signal in order to charge a battery 16. A small-sized and light-weight battery 16 having high charging capacity is preferably employed. A dosimetric circuit 18 includes a semiconductor detector and a measurement signal therefrom is processed. A dose data is transmitted automatically by radio when it is requested by the system. An I/D circuit 20 delivers an identification signal of personal dosimeter which can be used for identifying the individual at the time of entering or leaving the room and individual identification information can be added to the dose information.

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